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PATENT & TRADEMARK OFFICE

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Attorney Docket No. Q58148
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Tatsuro AKABANE, et al.

Appln. No.: 09/518,099 Group Art Unit: Not yet assigned

Filed: March 03, 2000 Examiner: Not yet assigned

For: PRINT SYSTEM AND PRINT SYSTEM CONTROL METHOD

SUBMISSION OF FORMAL DRAWINGS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith please find 20 sheets of formal drawings, Figs. 1-26. The Examiner is respectfully requested to acknowledge receipt of these formal drawings.

Respectfully submitted,

Darryl Mexic
Registration No. 23,063

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Date: April 26, 2000

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 1

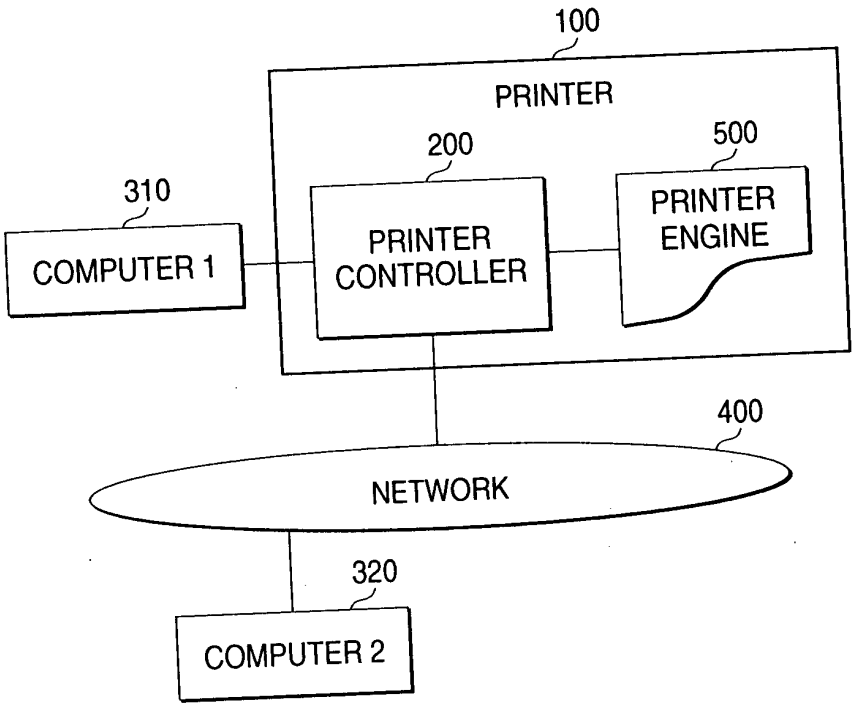

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FIG. 2

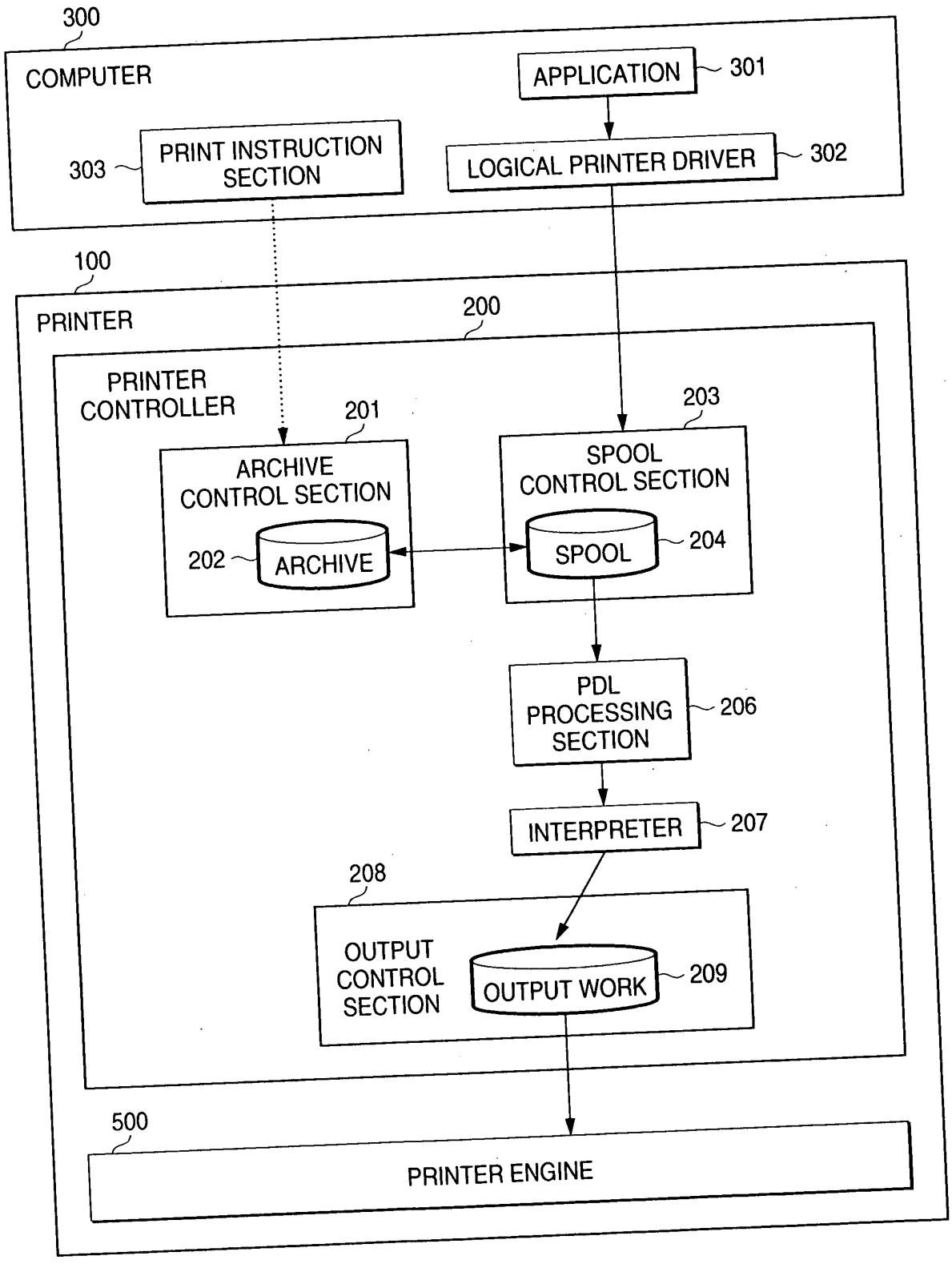

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FIG. 3

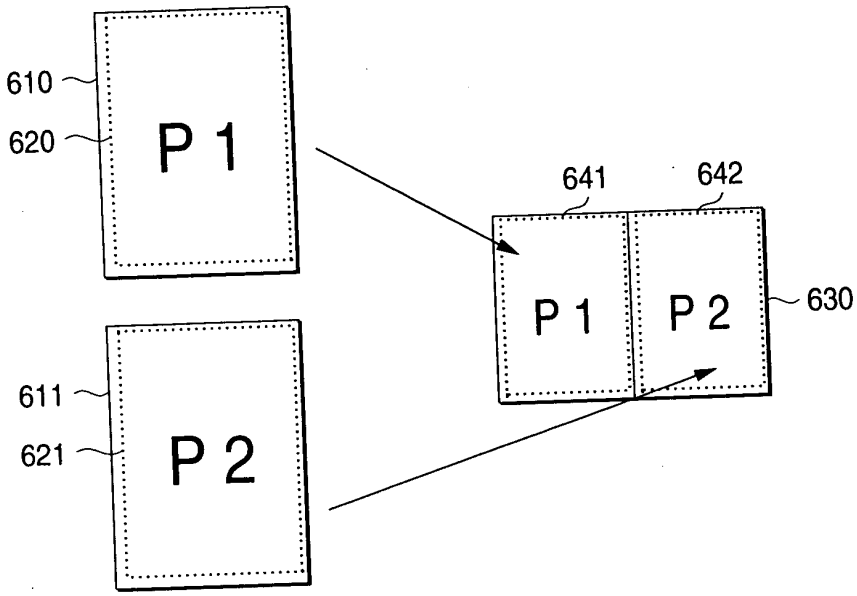
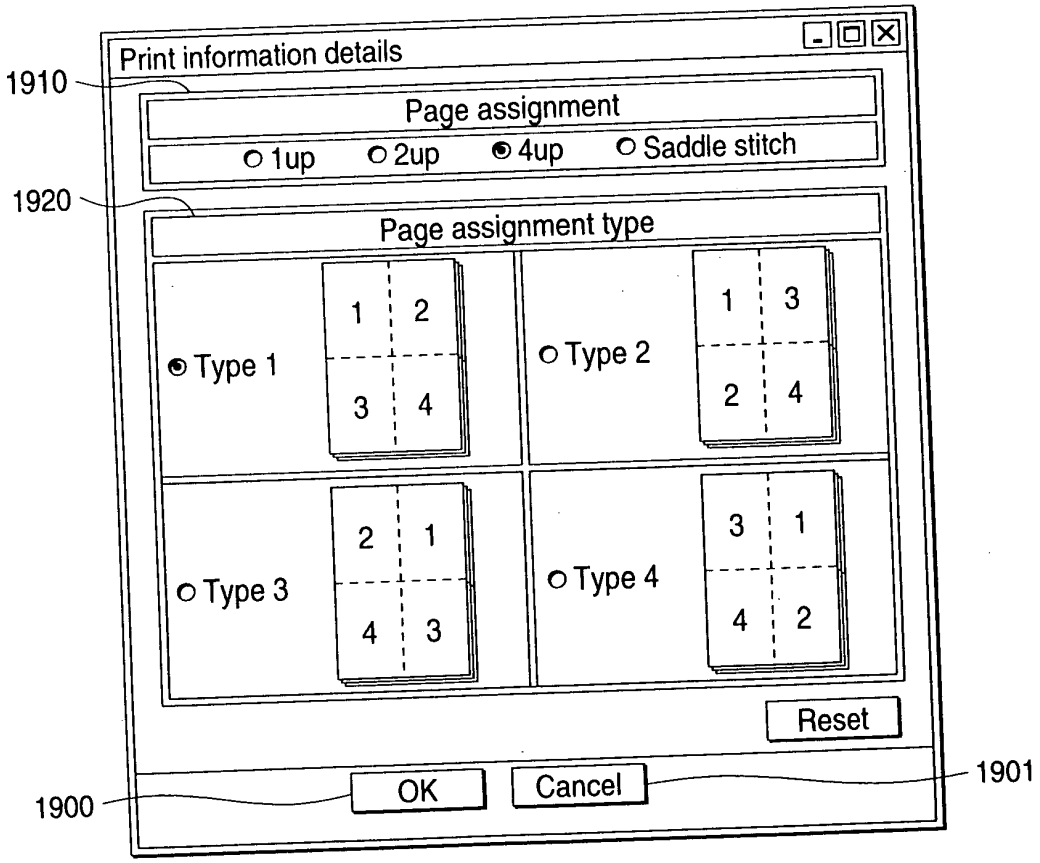


FIG. 4



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 5

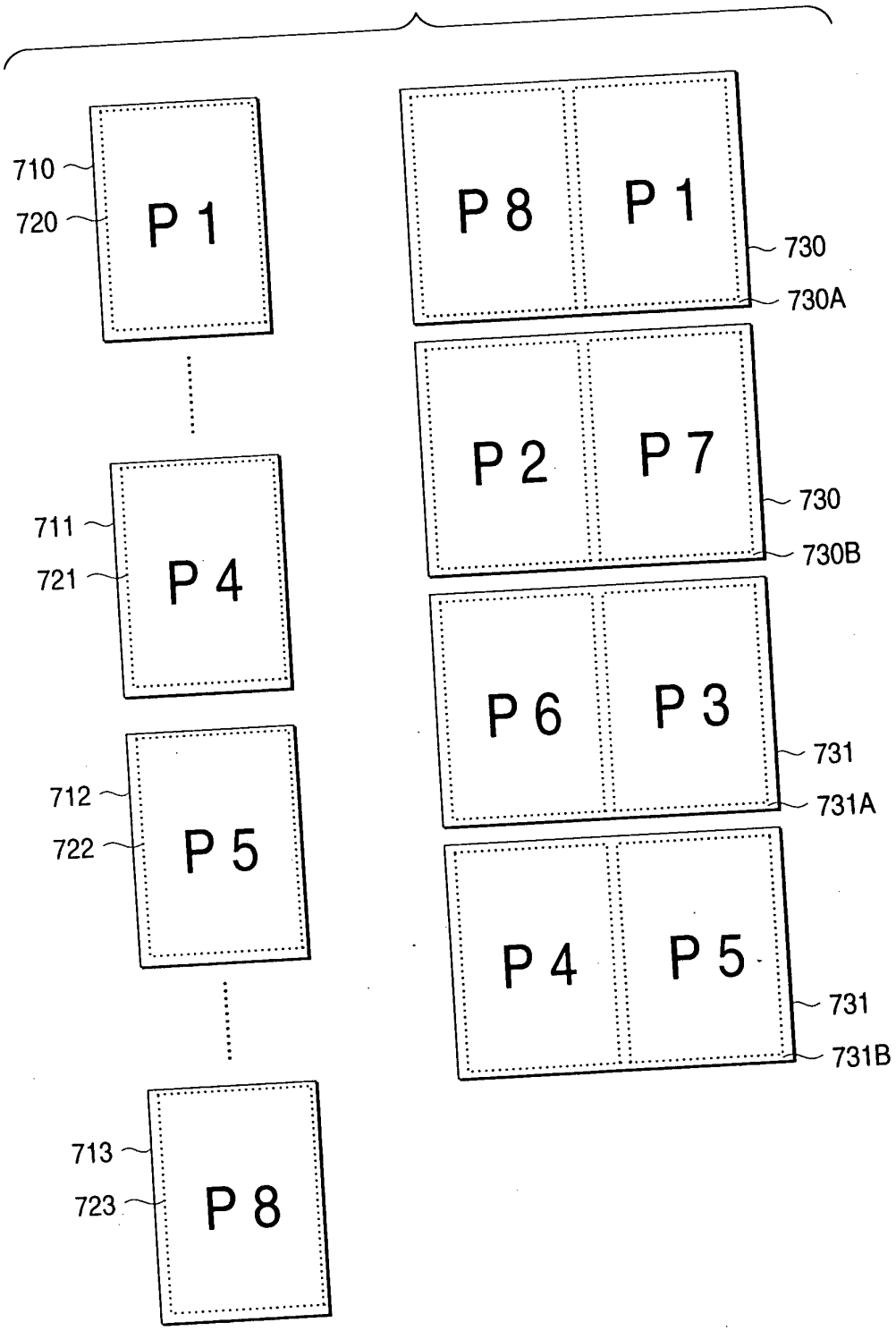


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FIG. 6

	ITEM		SETTING		SETTING EXAMPLE	
			CONTENTS	VALUE	CONTENTS	VALUE
800	PRINT MODE	PRINT	NO	0	YES	ModeP = 1
801			YES	1		
		STORAGE	NO	0	YES	ModeA = 1
802			YES	1		
810	STORAGE FORMAT	PDL	NO	0	YES	ArchiveP = 1
811			YES	1		
		DOT IMAGE	NO	0	YES	ArchiveD = 1
812			YES	1		
820	NUMBER OF COPIES			INTEGER	1 COPY	Copy = 1
830	PAPER SIZE		A4	0	A3	PAPER SIZE = 1
			A3	1		
			B5	2		
			B4	3		
840	PAPER FEED SECTION		PAPER FEED SECTION 1	0	PAPER FEED SECTION 1	INPUT = 0
			PAPER FEED SECTION 2	1		
850	PAPER DISCHARGE SECTION		PAPER DISCHARGE SECTION 1	0	PAPER DISCHARGE SECTION 1	OUTPUT = 0
			PAPER DISCHARGE SECTION 2	1		
861			STANDARD	0	2 UP	TYPE = 1
860	OUTPUT FORMAT		2 UP	1		
862			4 UP	2		
863			SADDLE STITCH	3		
864						
870	DOUBLE-SIDE PRINT		NO	0	YES	DUPLEX = 1
			YES	1		
880	BINDING POSITION		LEFT TO RIGHT	0	LEFT TO LIGHT	TUMBLE = 1
			UP TO BOTTOM	1		
890	STAPLE		NONE	0	UPPER-LEFT CORNER	STAPLE = 1
			UPPER-LEFT CORNER	1		
			TWO-CENTER PARTS	2		
			UPPER-RIGHT CORNER	3		

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FIG. 7

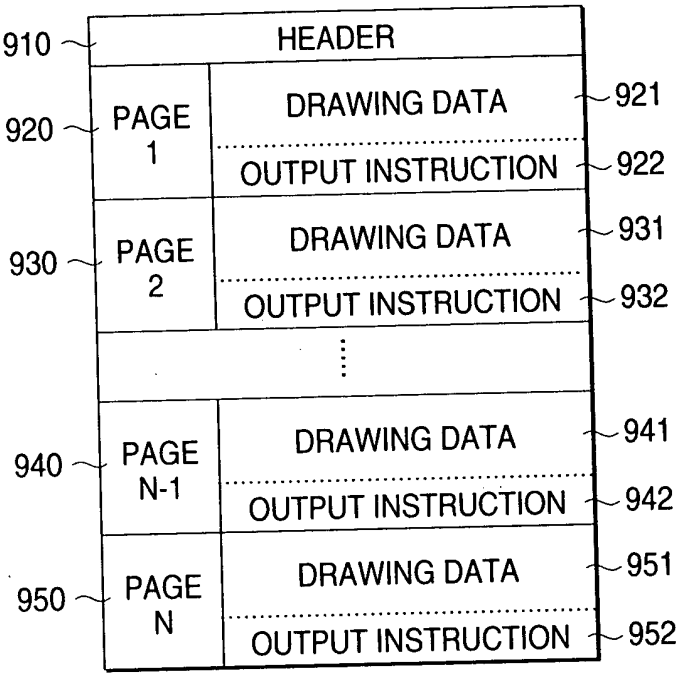
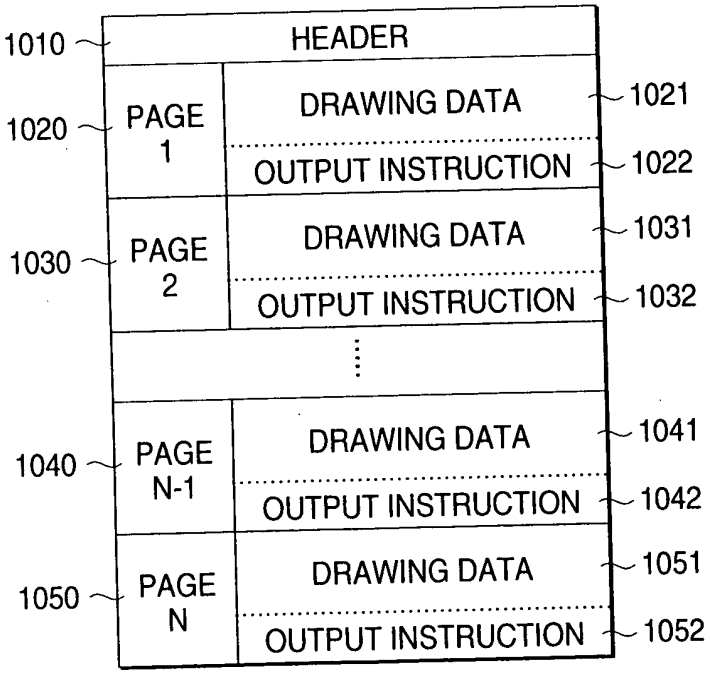


FIG. 8



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 9

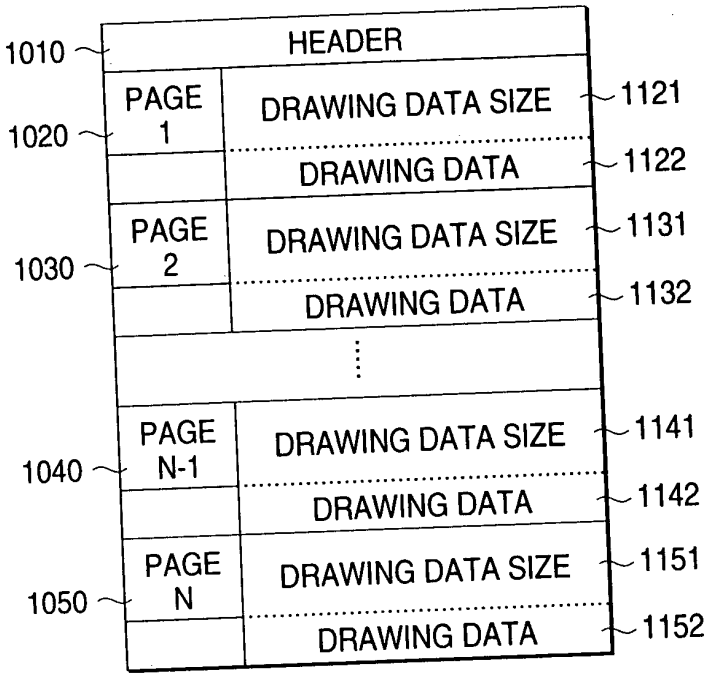


FIG. 10

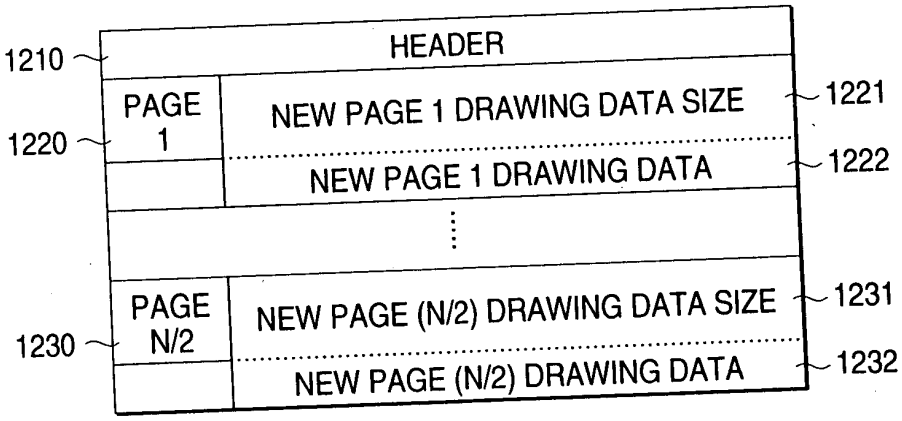
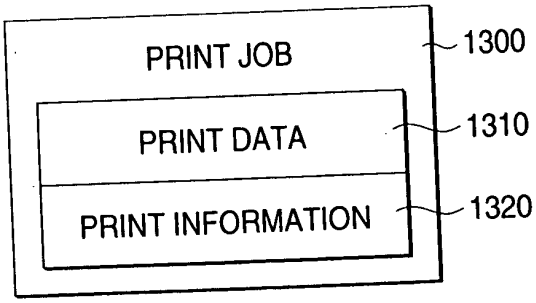
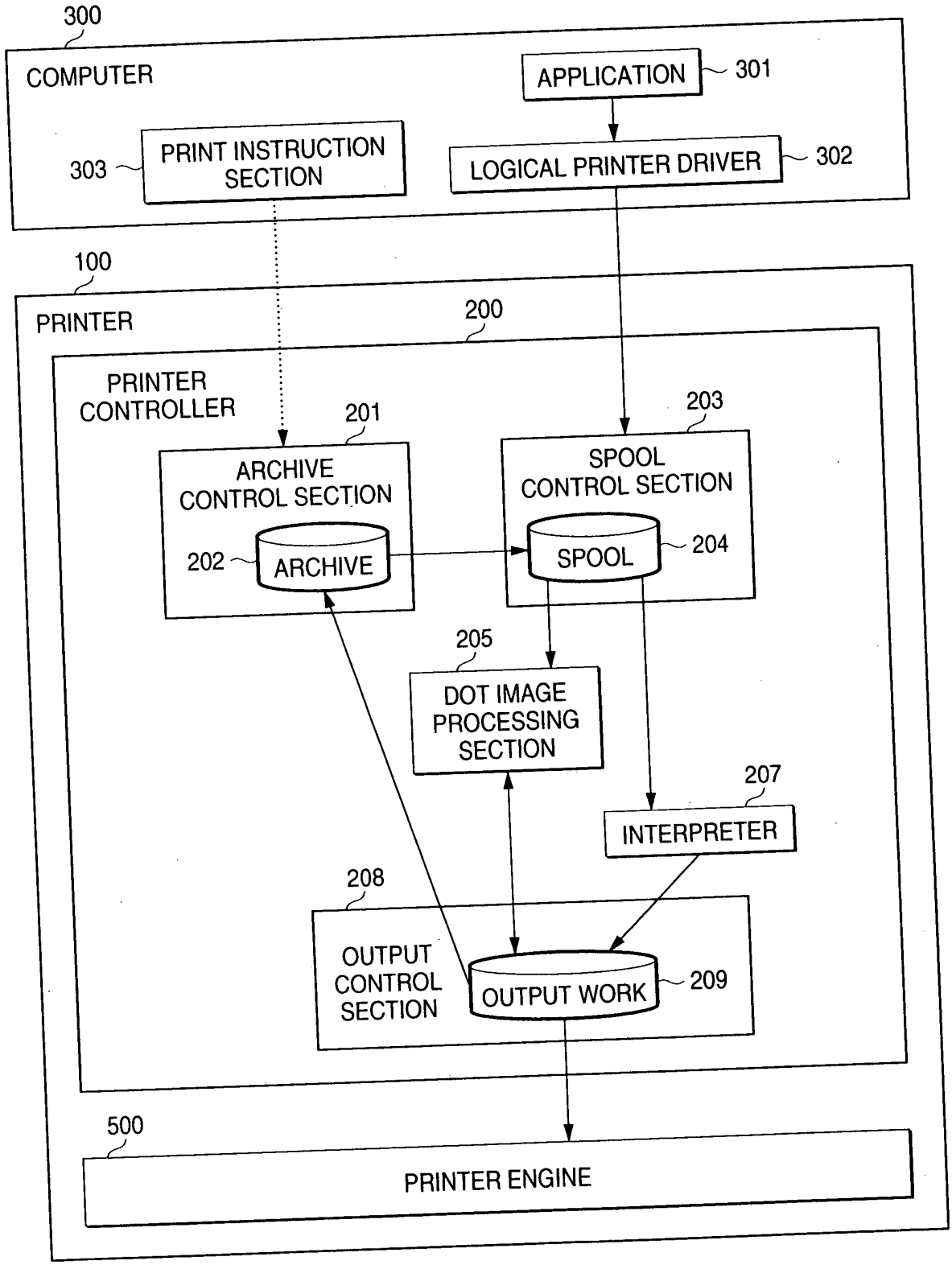


FIG. 11



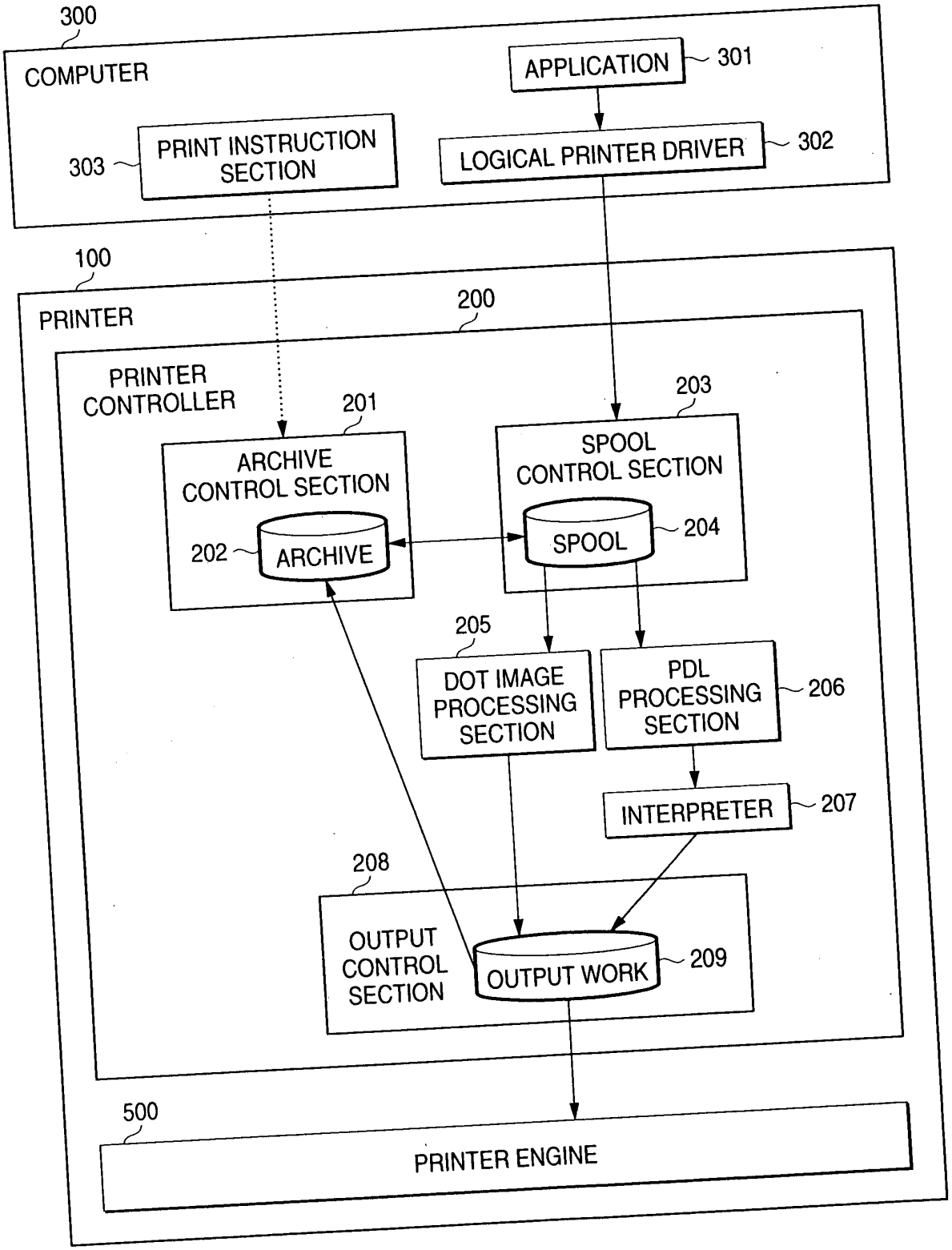
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 12



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 13



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 14

	PRINT INFORMATION			SETTING EXAMPLE	
	SETTING ITEM	CONTENTS	VALUE	CONTENTS	VALUE
1400	PRINT MODE	PRINT	1	PRINT & STORAGE	PRINT MODE = 3
		STORAGE	2		
		PRINT & STORAGE	3		
1410	NUMBER OF COPIES	n	INTEGER	3 COPIES	COPIES = 3
1420	PRINT IN COPY UNITS	YES	1	YES	COLLATE = 1
		NO	0		
1430	PAPER THICKNESS	THIN	1	THIN	PAPER THICK = 1
		NORMAL	2		
		THICK	3		
		AUTOMATIC SELECTION	0		
1440	PAPER FEED SECTION	PAPER FEED SECTION 1	1	PAPER FEED SECTION 1	INPUT TYPE = 1
		PAPER FEED SECTION 1	2		
		AUTOMATIC SELECTION	0		
1450	PAPER DISCHARGE SECTION	PAPER DISCHARGE SECTION 1	1	PAPER DISCHARGE SECTION 2	OUTPUT TYPE = 2
		PAPER DISCHARGE SECTION 1	2		
		AUTOMATIC SELECTION	0		
1460	SINGLE SIDE/DOUBLE SIDE PRINT	SINGLE SIDE PRINT	0	DOUBLE SIDE PRINT	DUPLEX = 1
		DOUBLE SIDE PRINT	1		
1470	BINDING POSITION (EFFECTIVE ON THE DOUBLE SIDE PRINT)	LONG-SIDE BINDING	0	LONG-SIDE BINDING	TUMBLE = 0
		SHORT-SIDE BINDING	1		
1480	PAPER DISCHARGE OFFSET	YES	1	YES	OUTPUT OFFSET = 1
		NO	0		
1490	STAPLE	NONE	0	NONE	STAPLE = 0
		UPPER-LEFT CORNER OF PAPER IN PORTABLE ORIENTATION	1		
		UPPER-LEFT CORNER OF PAPER IN LANDSCAPE ORIENTATION	2		
		TWO-CENTER PARTS	3		
1500	PUNCH HOLE	NONE	0	2 HOLES	PUNCH = 2
		2 HOLES	2		
		3 HOLES	3		
1510	FOLD	NONE	0	NONE	FOLD = 2
		FOLD IN TWO	1		
		FOLD IN Z	2		
1520	PAGE ASSIGNMENT	1 UP	1	4 UP	ASSIGN PAGES = 4
		2 UP	2		
		4 UP	4		
		SADDLE STITCH	101		
1530	PAGE ASSIGNMENT TYPE	TYPE 1	1	NONE	ASSIGN TYPE = 1
		TYPE 2	2		
		TYPE 3	3		
		TYPE 4	4		
1540	PRINT DATA STORAGE LOCATION	FILE NAME		c:¥arc¥file1.ps	

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 15

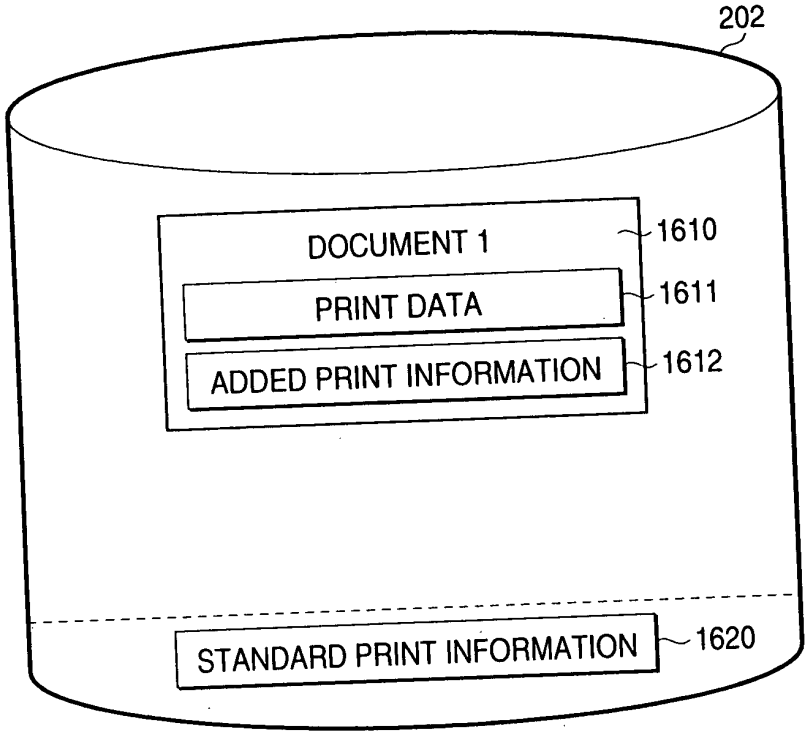
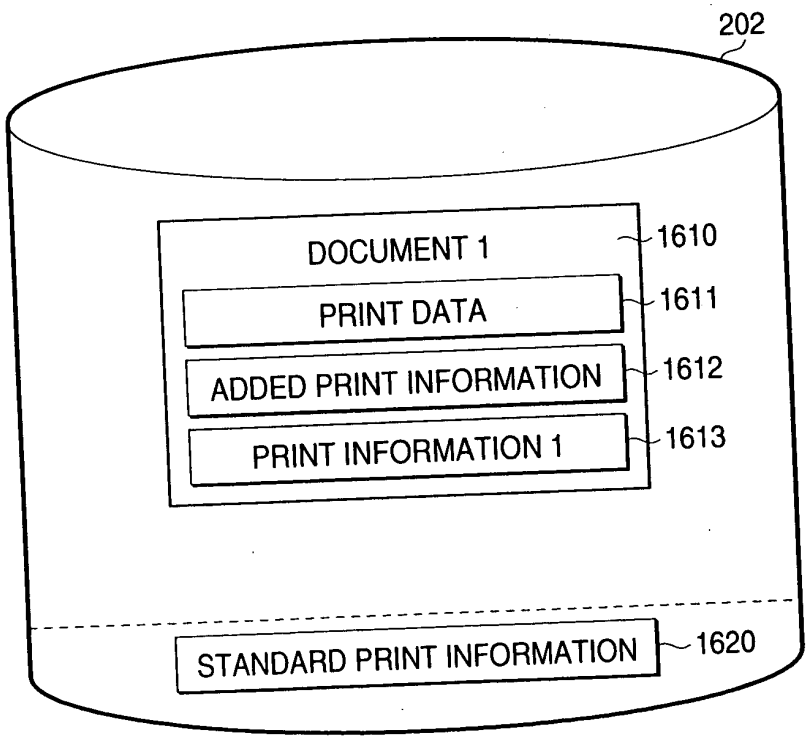
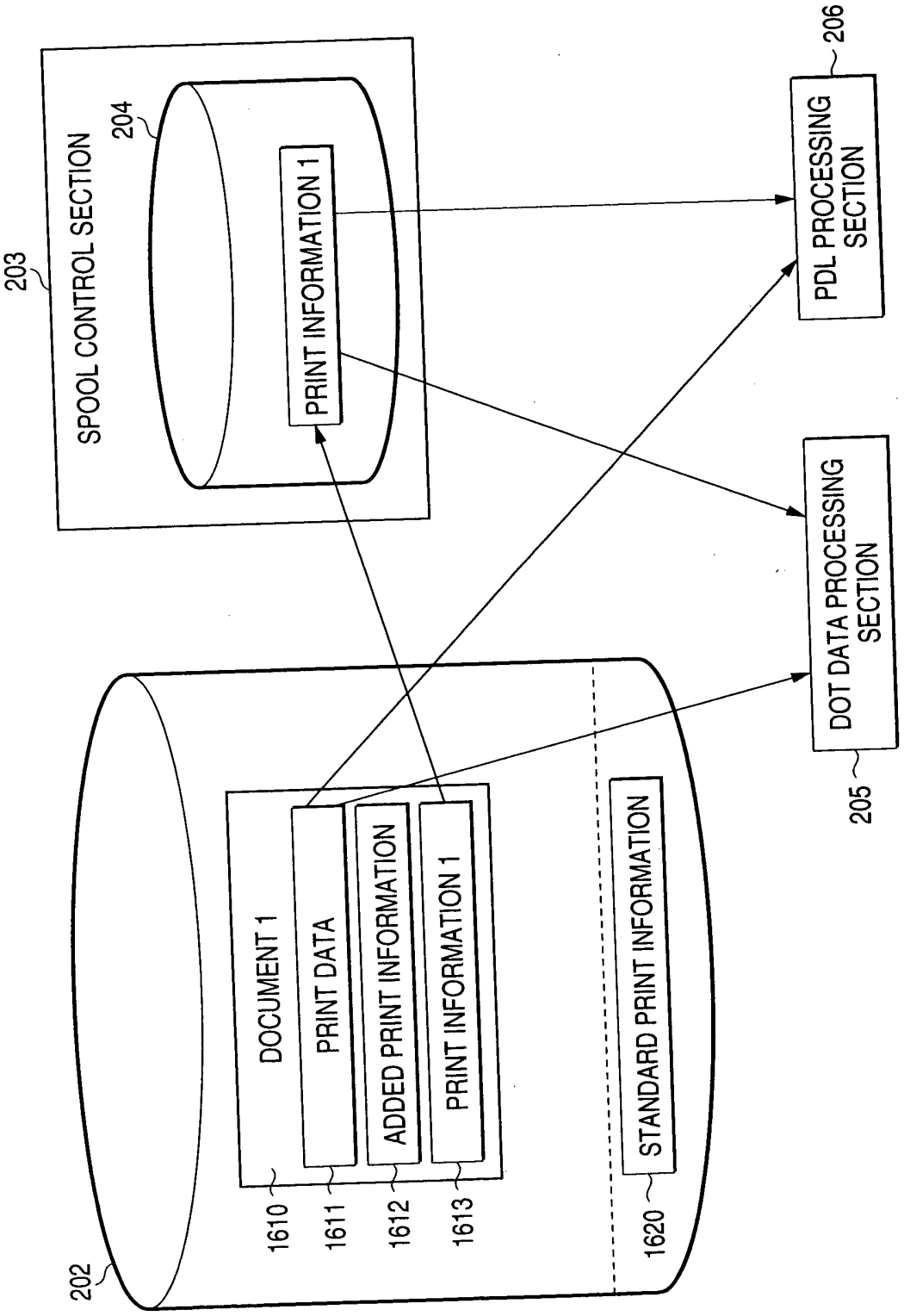


FIG. 16



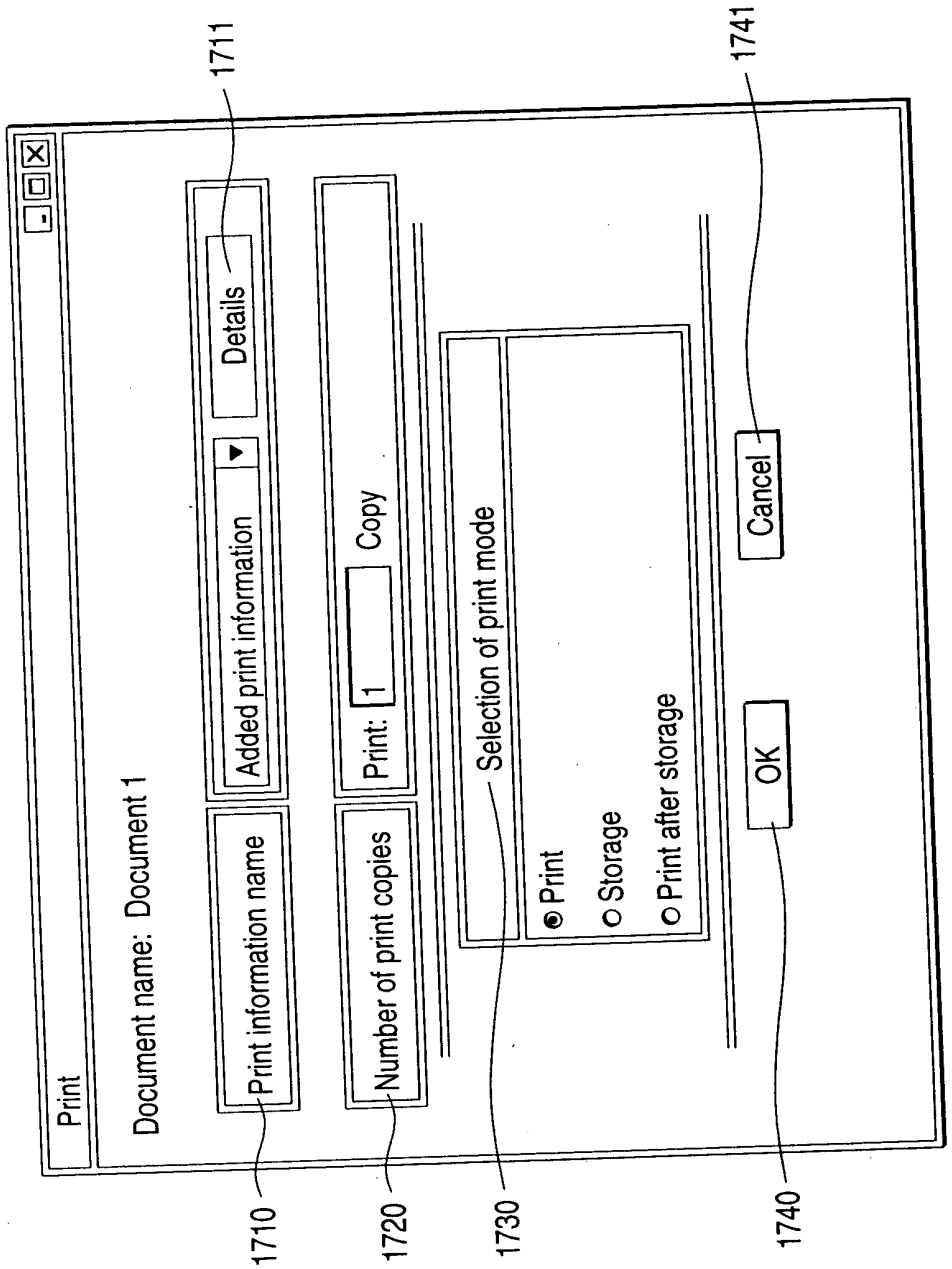
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 17



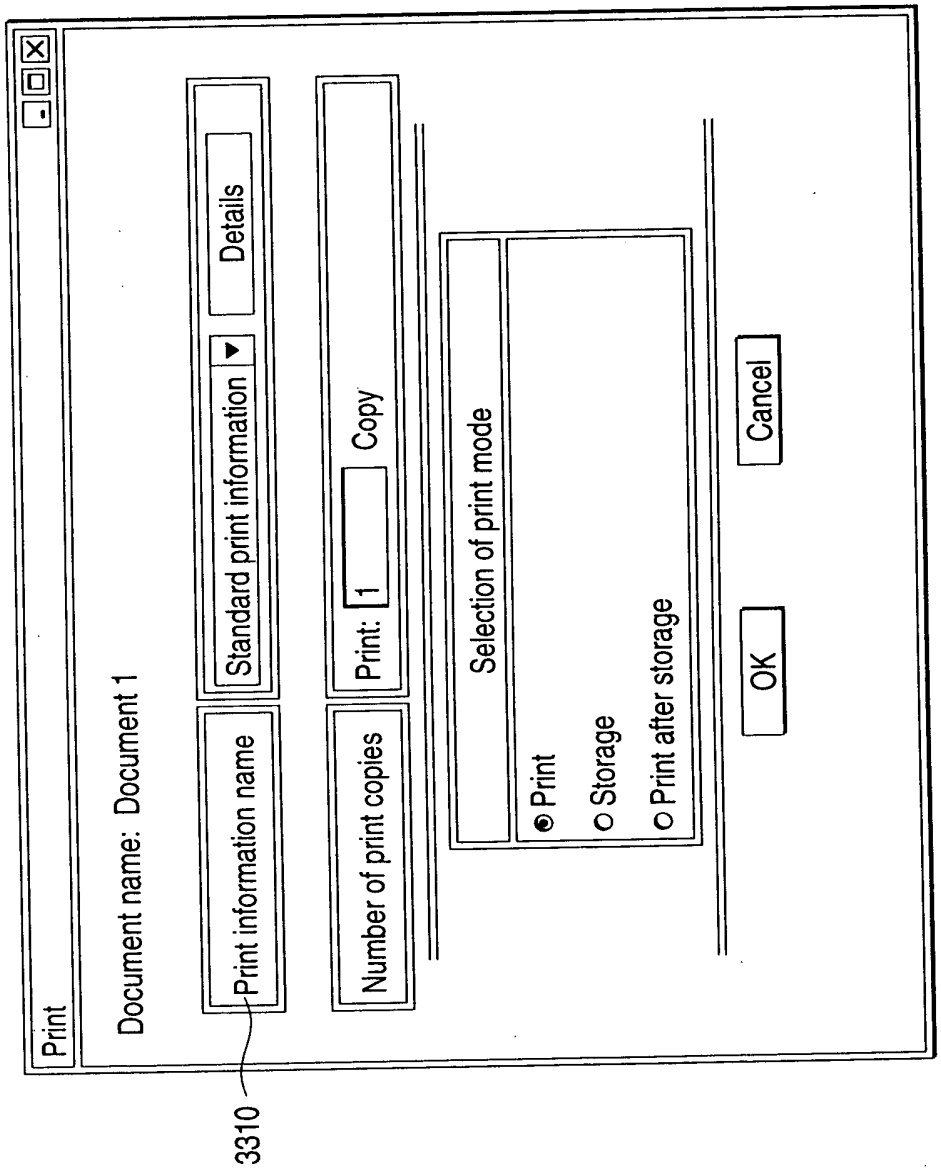
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 18



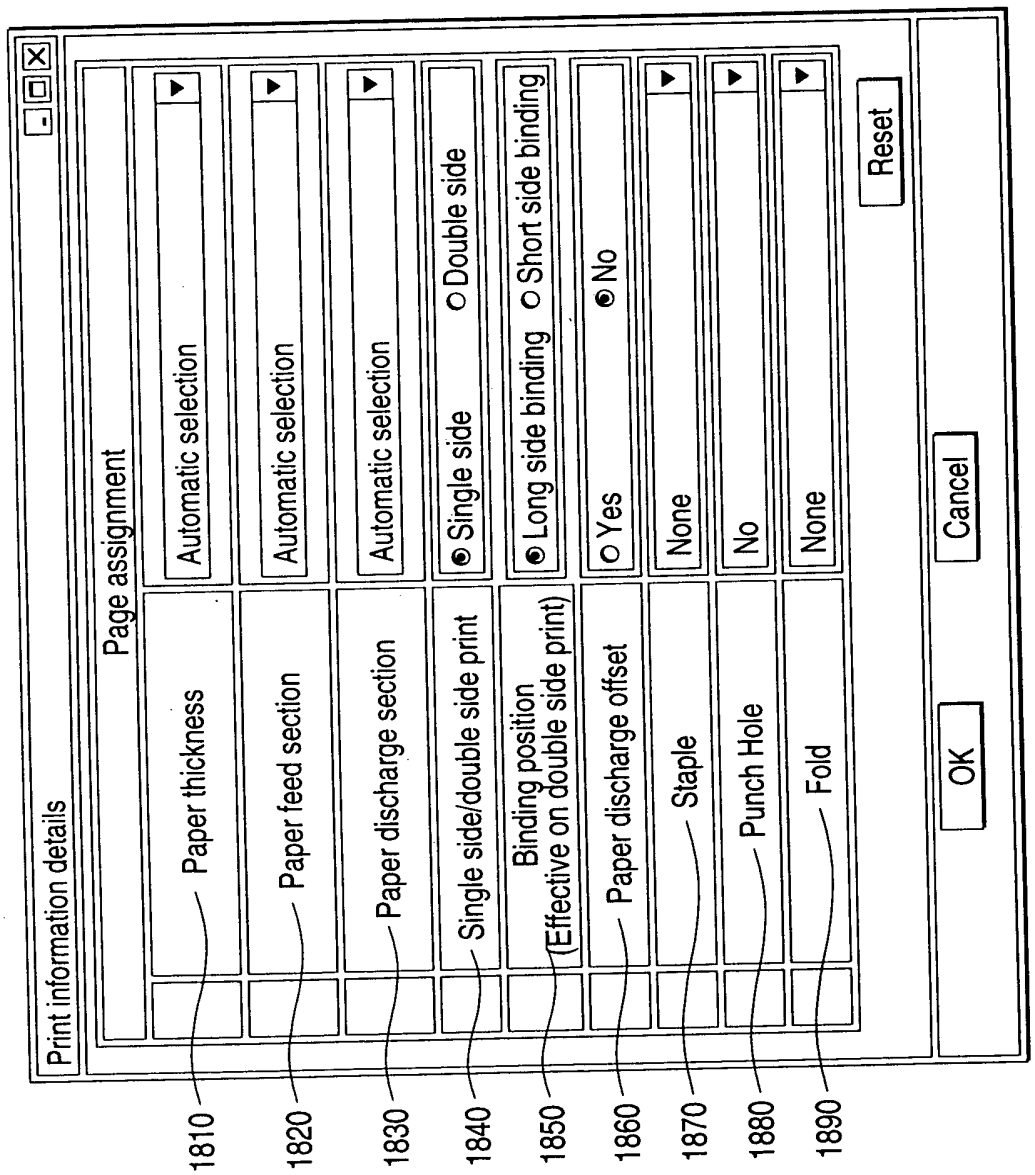
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 19



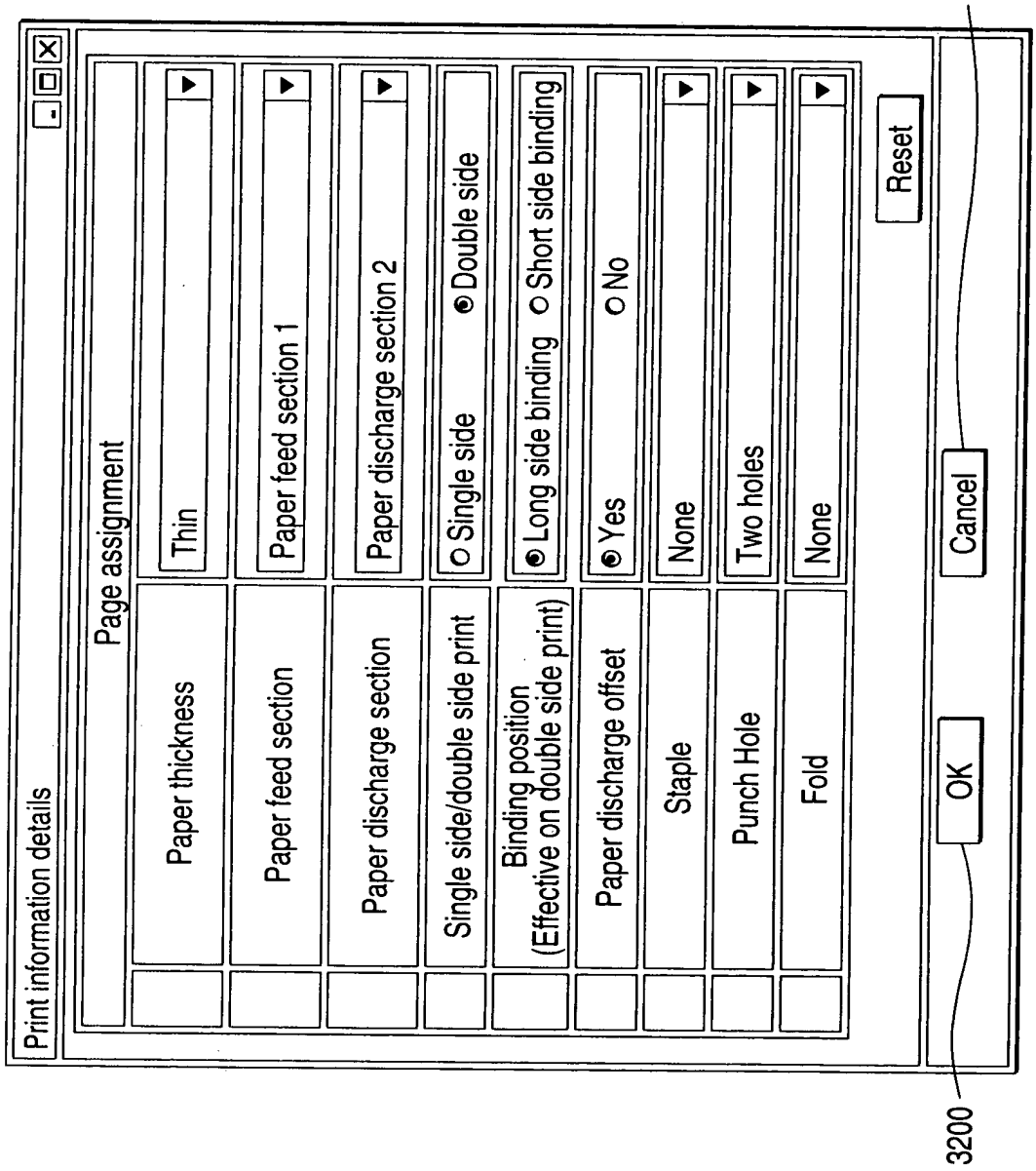
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 20



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 21



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 22

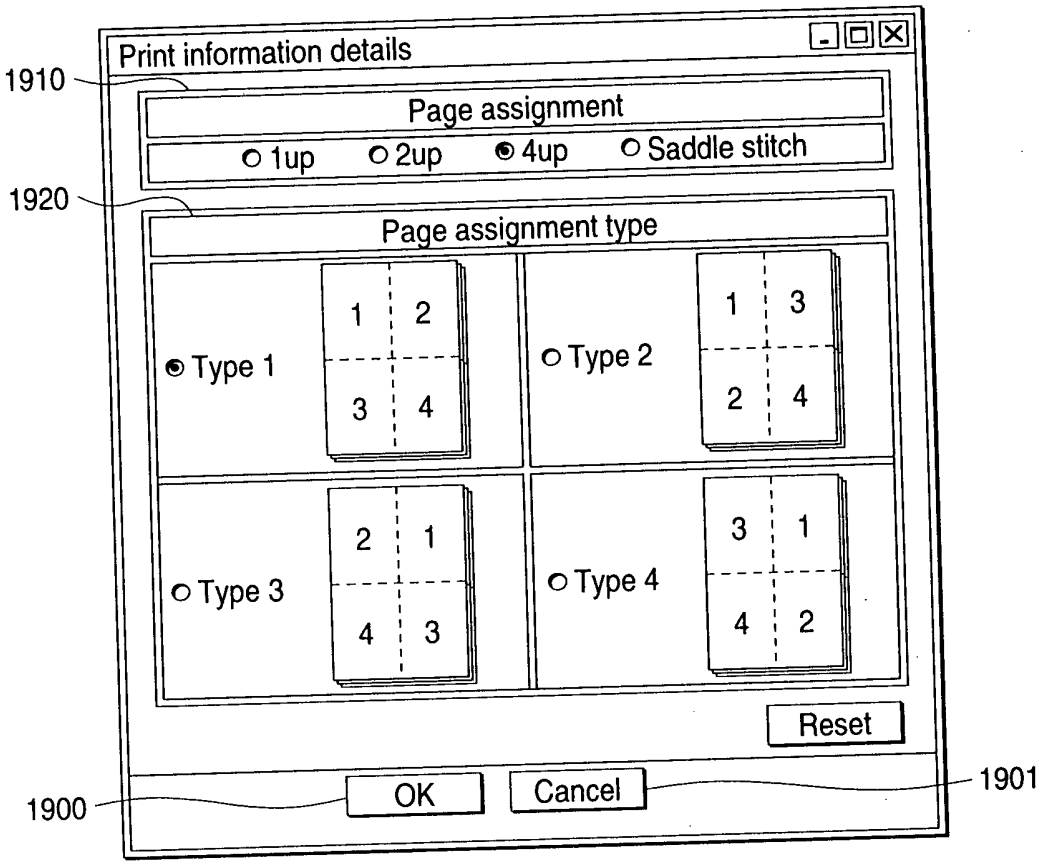
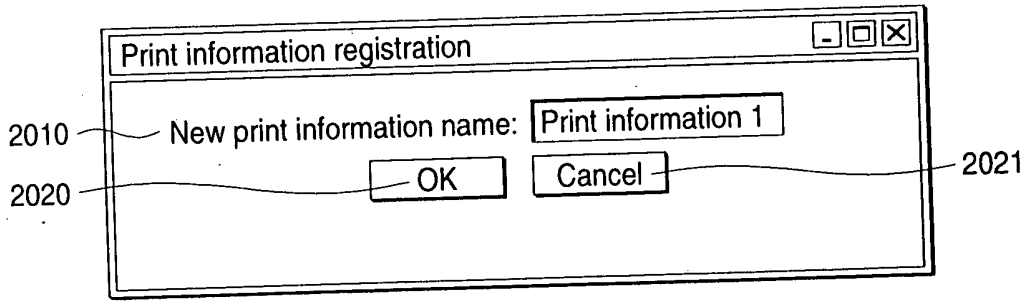
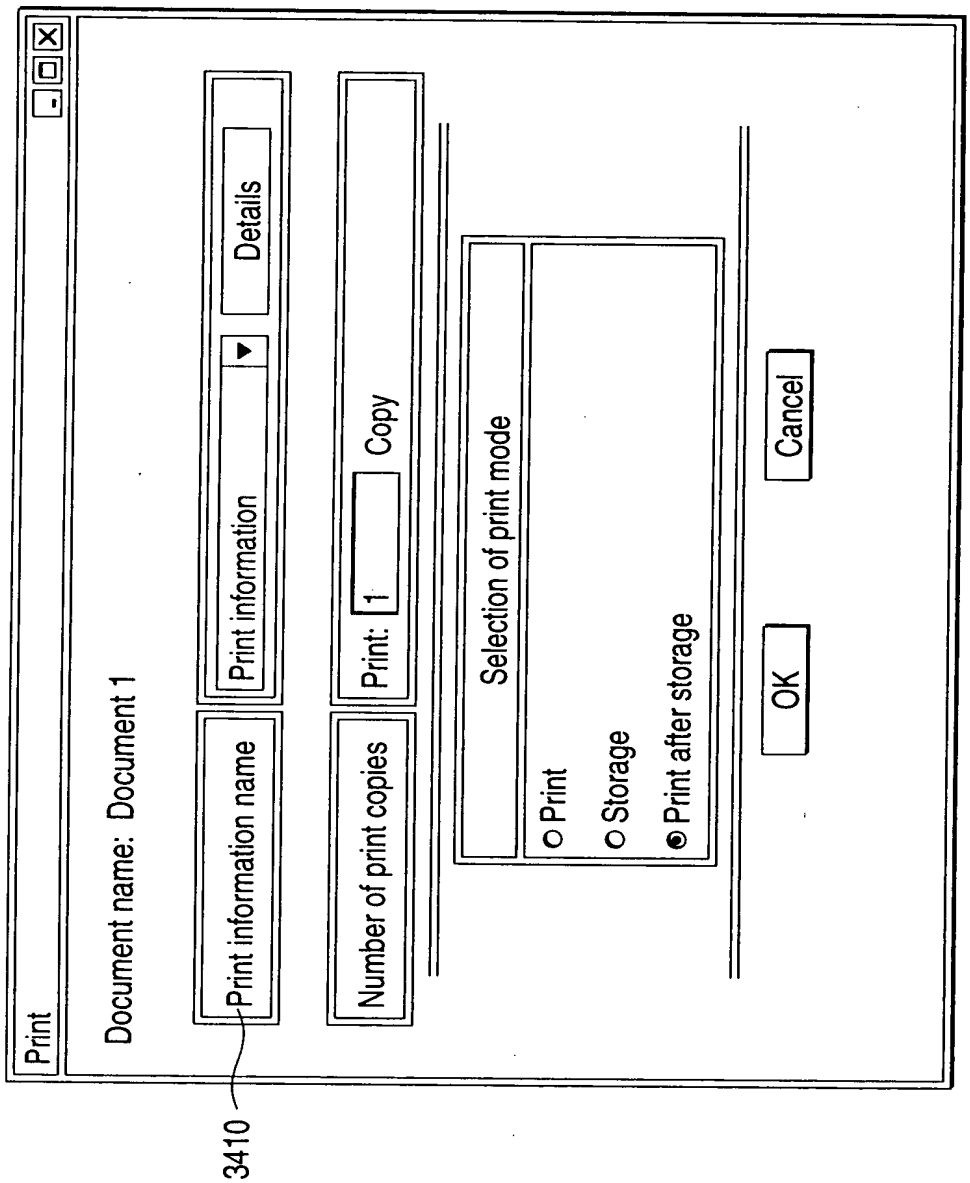


FIG. 23



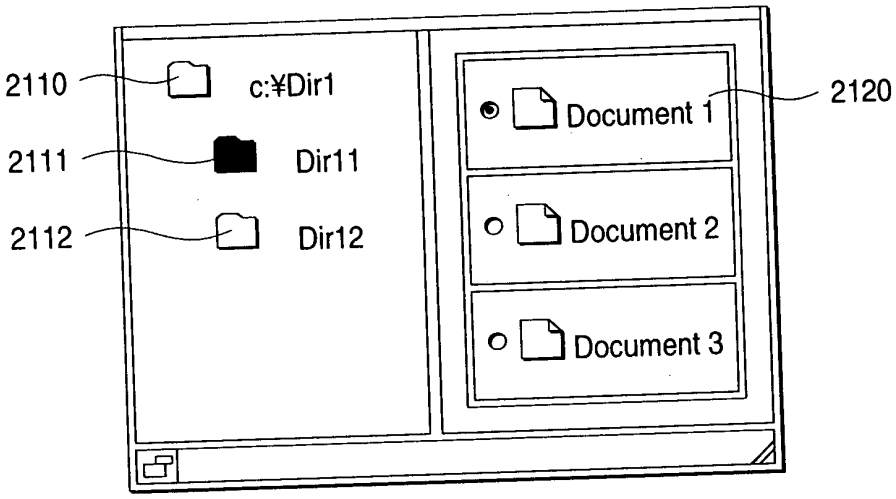
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 24



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 25



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 26

PRINT INFORMATION			SETTING EXAMPLE	
SETTING ITEM	CONTENTS	VALUE	CONTENTS	VALUE
PRINT MODE	PRINT	1	PRINT	PRINT MODE = 1
	STORAGE	2		
	PRINT & STORAGE	3		
NUMBER OF COPIES	n	INTEGER	1 COPY	COPIES = 1
PRINT IN COPY UNITS	YES	1	YES	COLLATE = 1
	NO	0		
PAPER THICKNESS	THIN	1	AUTOMATIC SELECTION	PAPER THICK = 0
	NORMAL	2		
	THICK	3		
	AUTOMATIC SELECTION	0		
PAPER FEED SECTION	PAPER FEED SECTION 1	1	AUTOMATIC SELECTION	INPUT TYPE = 0
	PAPER FEED SECTION 1	2		
	AUTOMATIC SELECTION	0		
PAPER DISCHARGE SECTION	PAPER DISCHARGE SECTION 1	1	AUTOMATIC SECTION	OUTPUT TYPE = 0
	PAPER DISCHARGE SECTION 1	2		
	AUTOMATIC SELECTION	0		
SINGLE SIDE/DOUBLE SIDE PRINT	SINGLE SIDE PRINT	0	SINGLE SIDE PRINT	DUPLEX = 0
	DOUBLE SIDE PRINT	1		
BINDING POSITION (EFFECTIVE ON THE DOUBLE SIDE PRINT)	LONG-SIDE BINDING	0	LONG-SIDE PRINT	TUMBLE = 0
	SHORT-SIDE BINDING	1		
PAPER DISCHARGE OFFSET	YES	1	NO	OUTPUT OFFSET = 0
	NO	0		
STAPLE	NONE	0	NONE	STAPLE = 0
	UPPER-LEFT CORNER OF PAPER IN PORTABLE ORIENTATION	1		
	UPPER-LEFT CORNER OF PAPER IN LANDSCAPE ORIENTATION	2		
	TWO-CENTER PARTS	3		
PUNCH HOLE	NONE	0	NONE	PUNCH = 0
	2 HOLES	2		
	3 HOLES	3		
FOLD	NONE	0	NONE	FOLD = 0
	FOLD IN TWO	1		
	FOLD IN Z	2		
PAGE ASSIGNMENT	1 UP	1	1 UP	ASSIGN PAGES = 1
	2 UP	2		
	4 UP	4		
	SADDLE STITCH	101		
PAGE ASSIGNMENT TYPE	TYPE 1	1	TYPE 1	ASSIGN TYPE = 1
	TYPE 2	2		
	TYPE 3	3		
	TYPE 4	4		
PRINT DATA STORAGE LOCATION	FILE NAME		c:¥arc¥file1.ps	